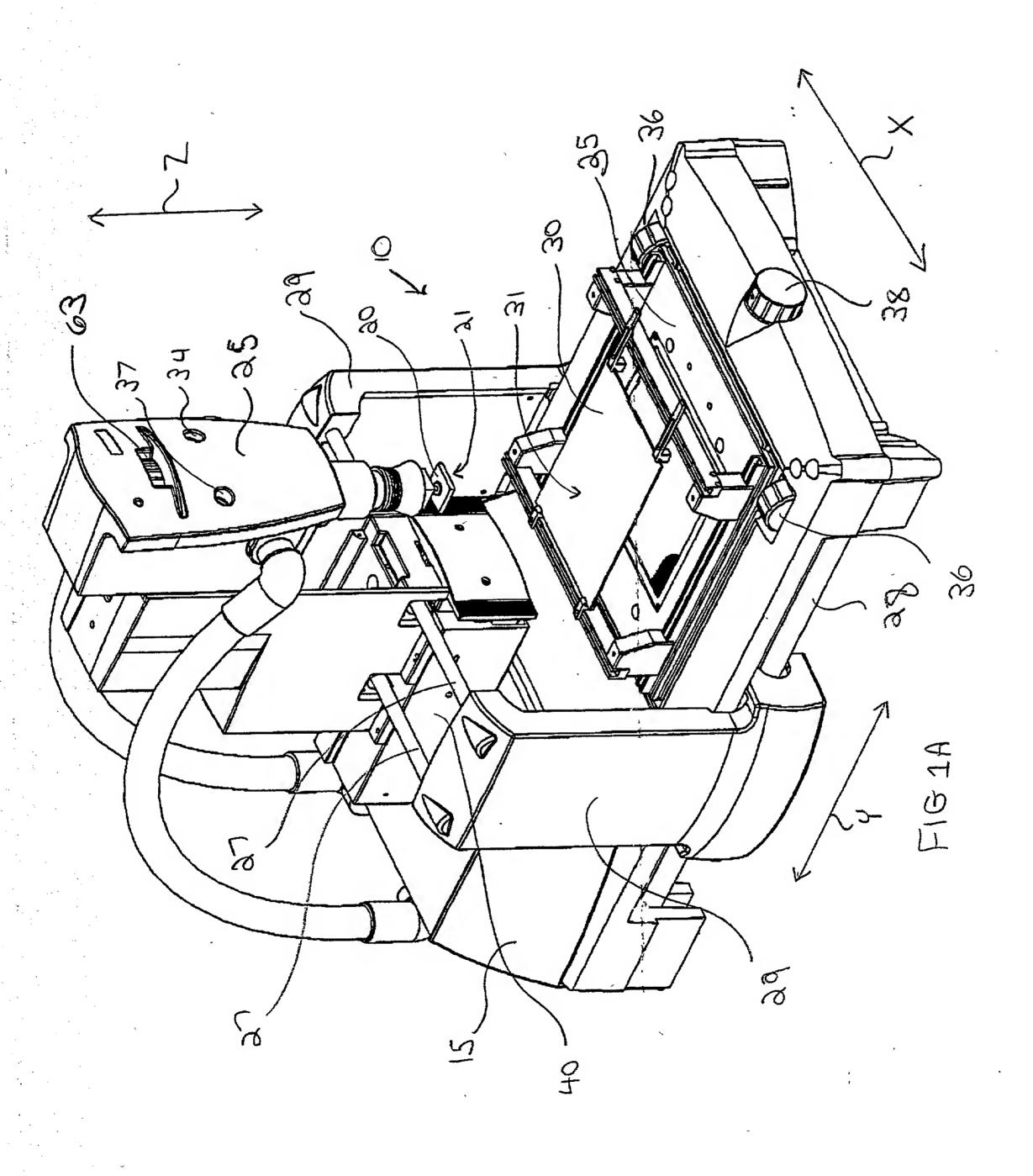
TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

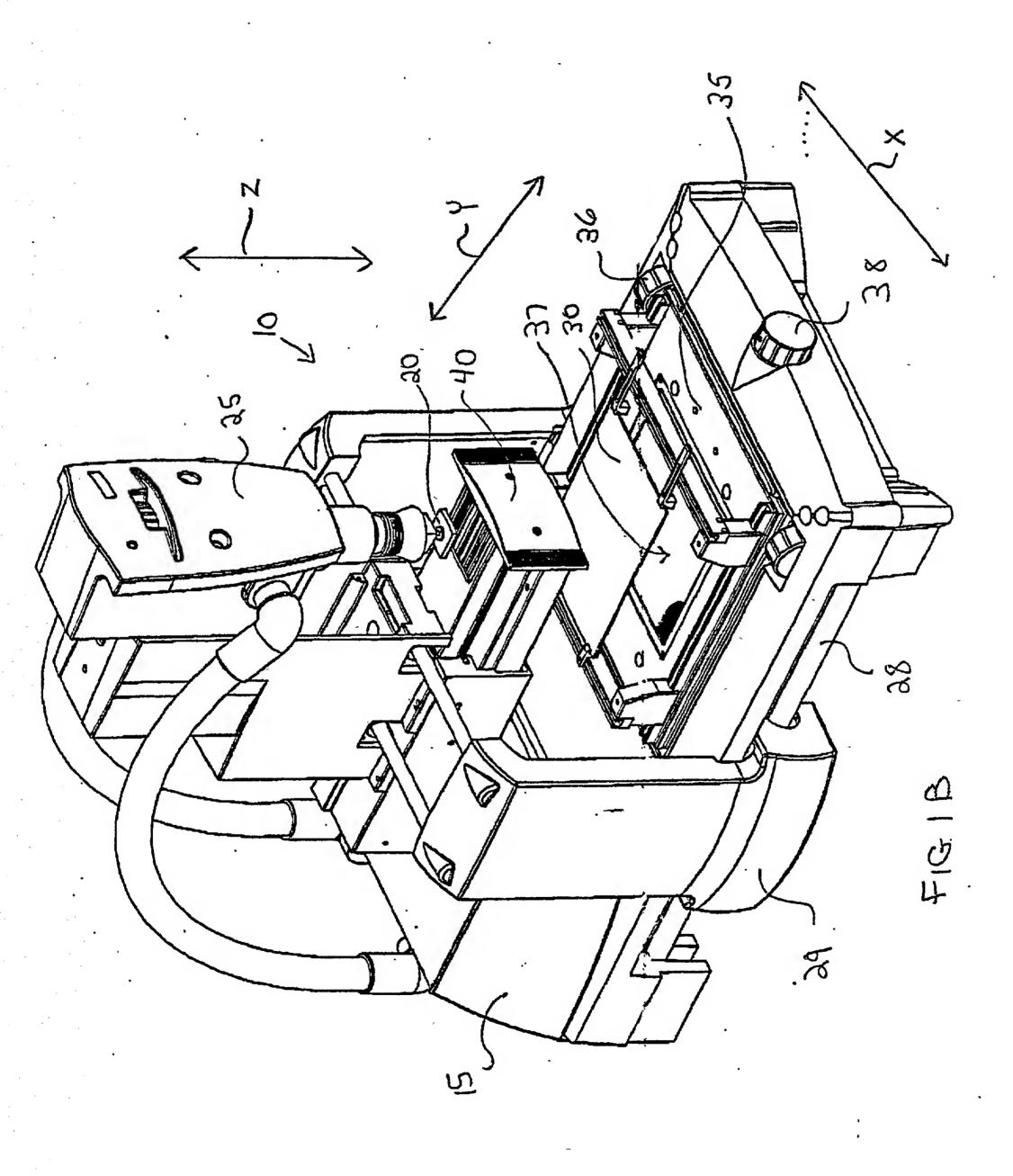
SHEET 1 of 12



TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

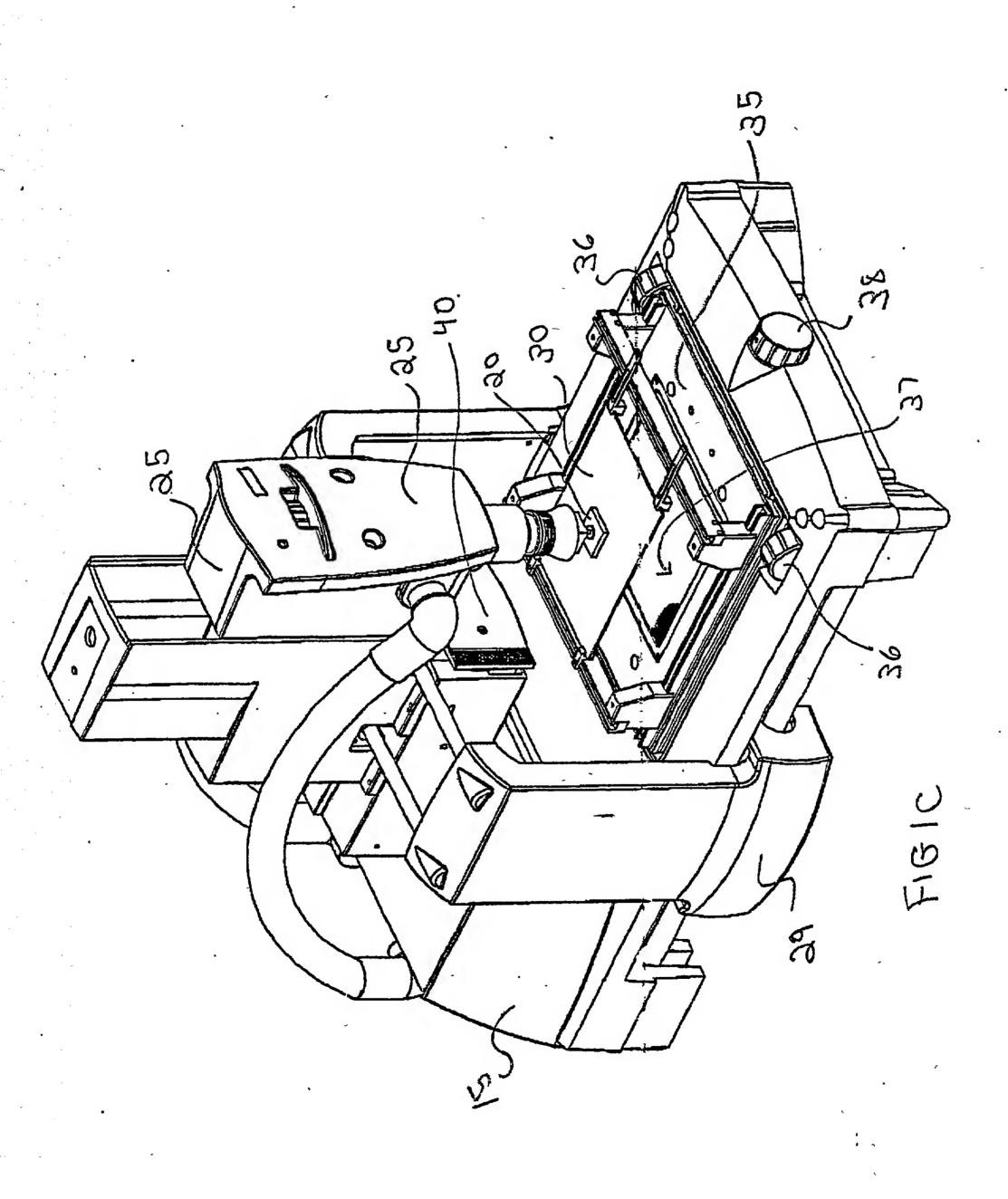
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TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

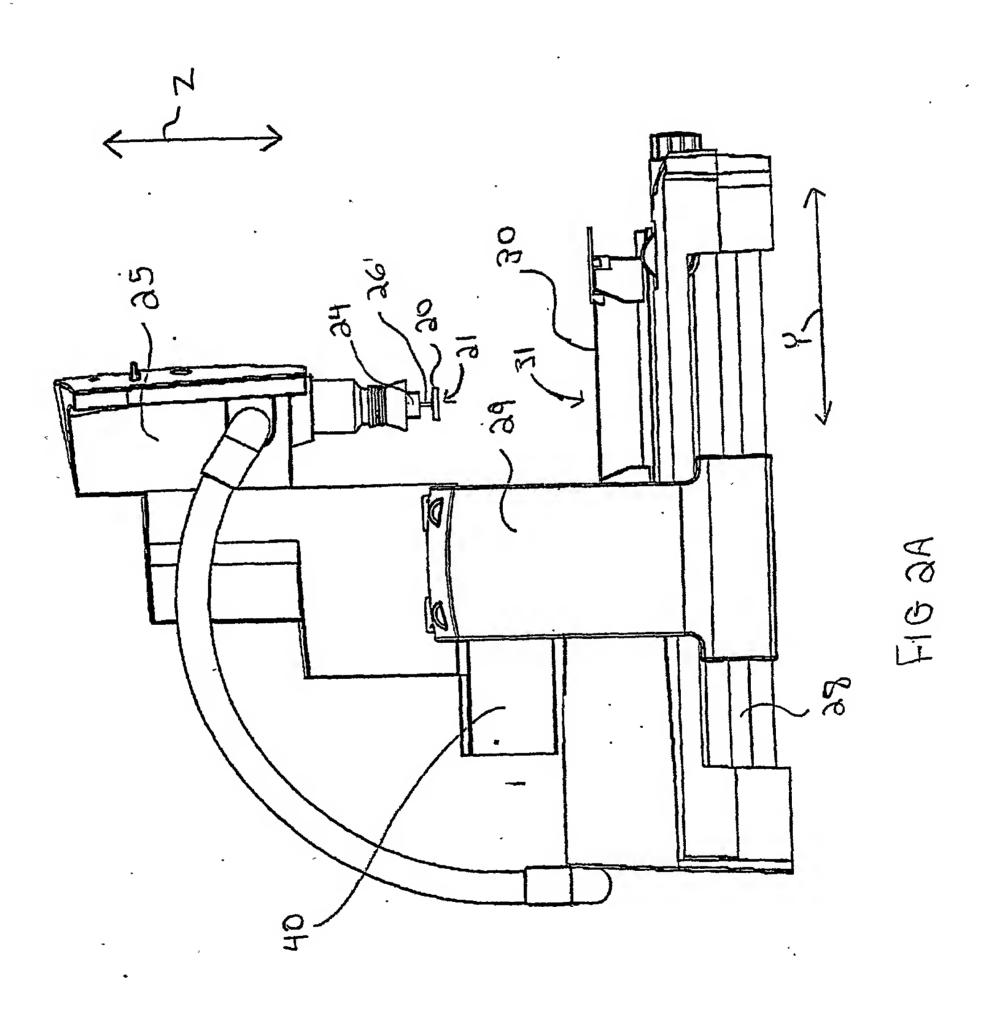
SHEET 3 of 12



APPLN. FILING DATE: NOVEMBER 2, 2001
TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

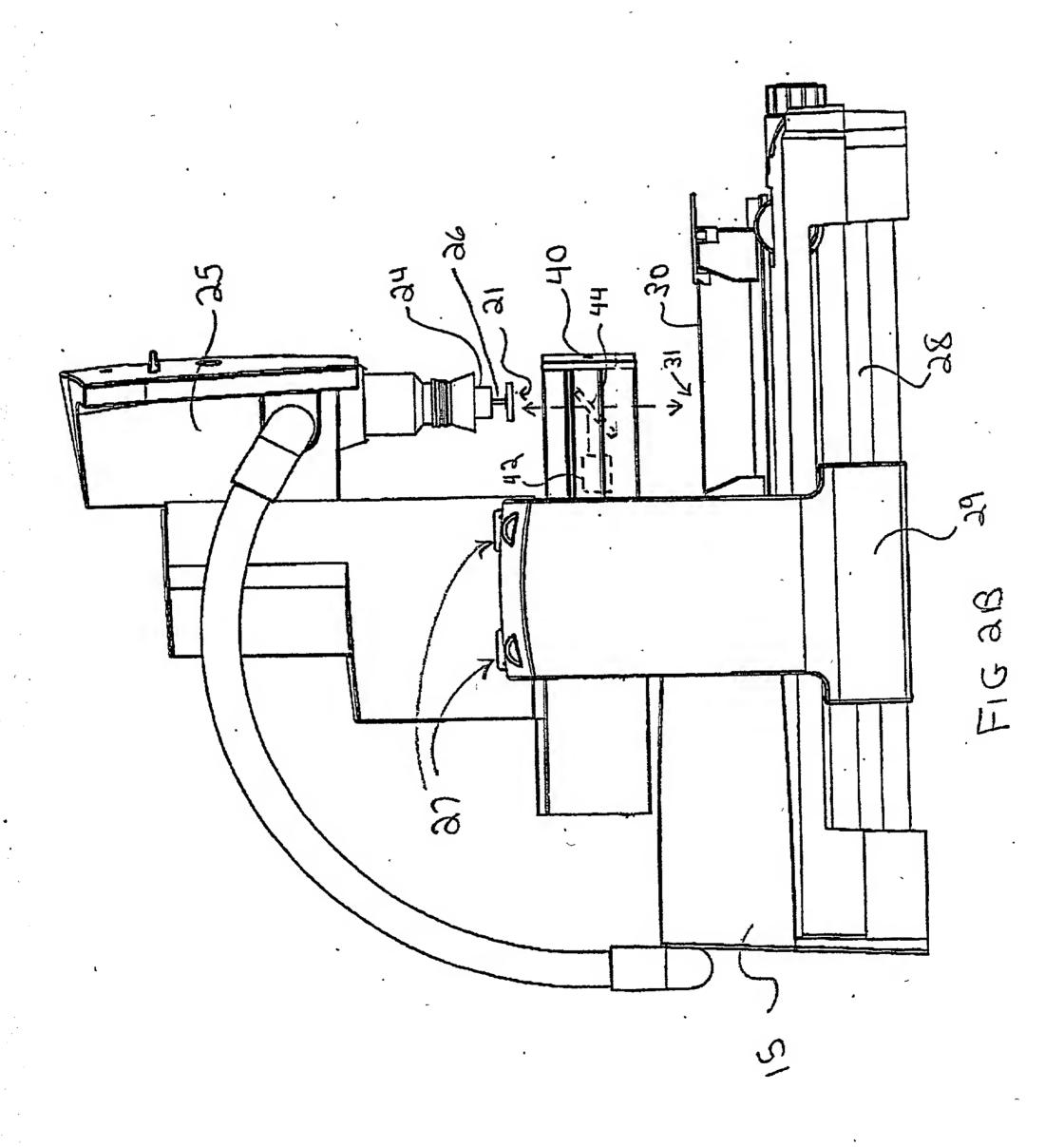
SHEET 4 of 12



TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

SHEET 5 of 12

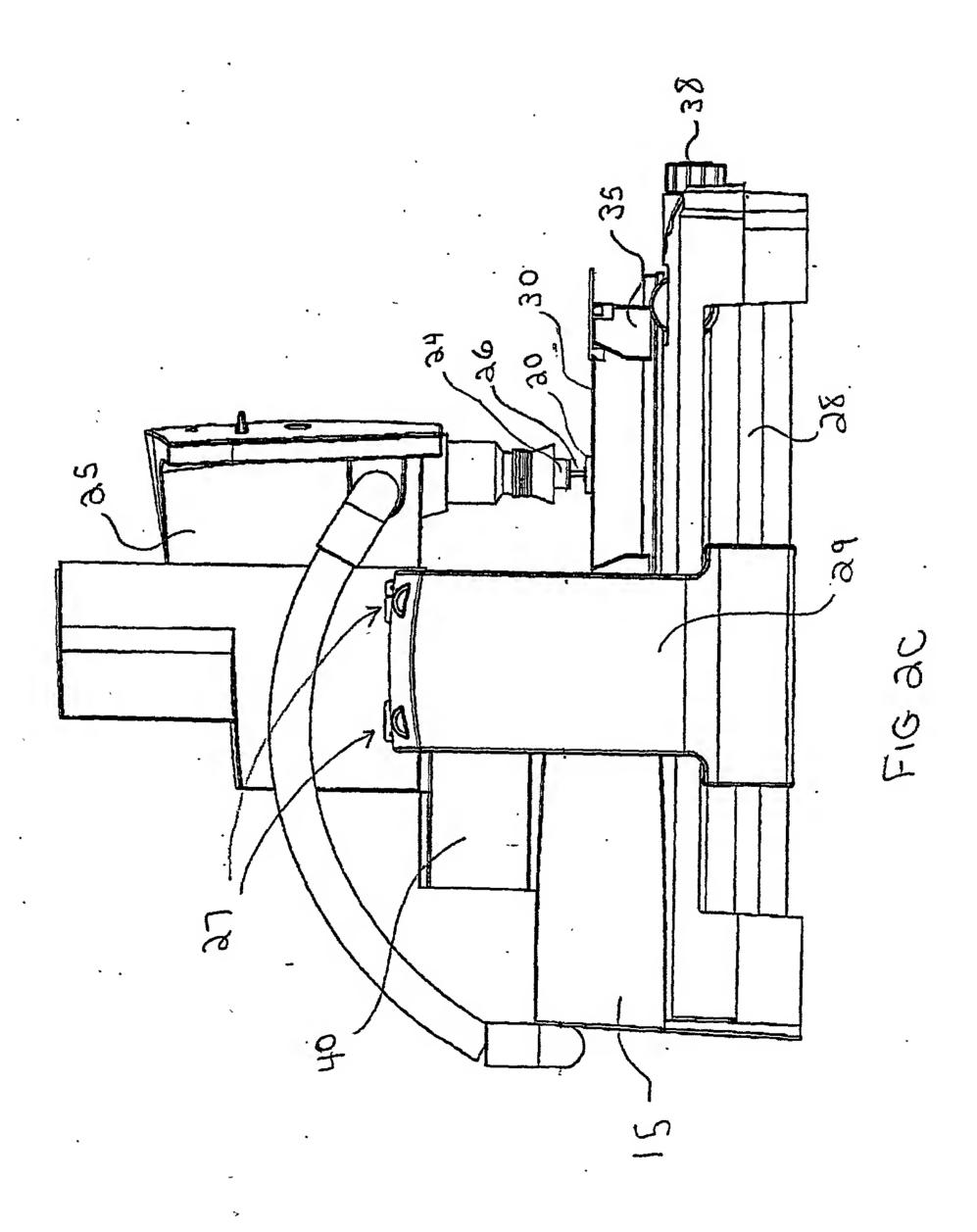


TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

INVENTOR(S): MIKE CARLOMAGNO, ET AL.

ATTORNEY DOCKET NO: 018190-308

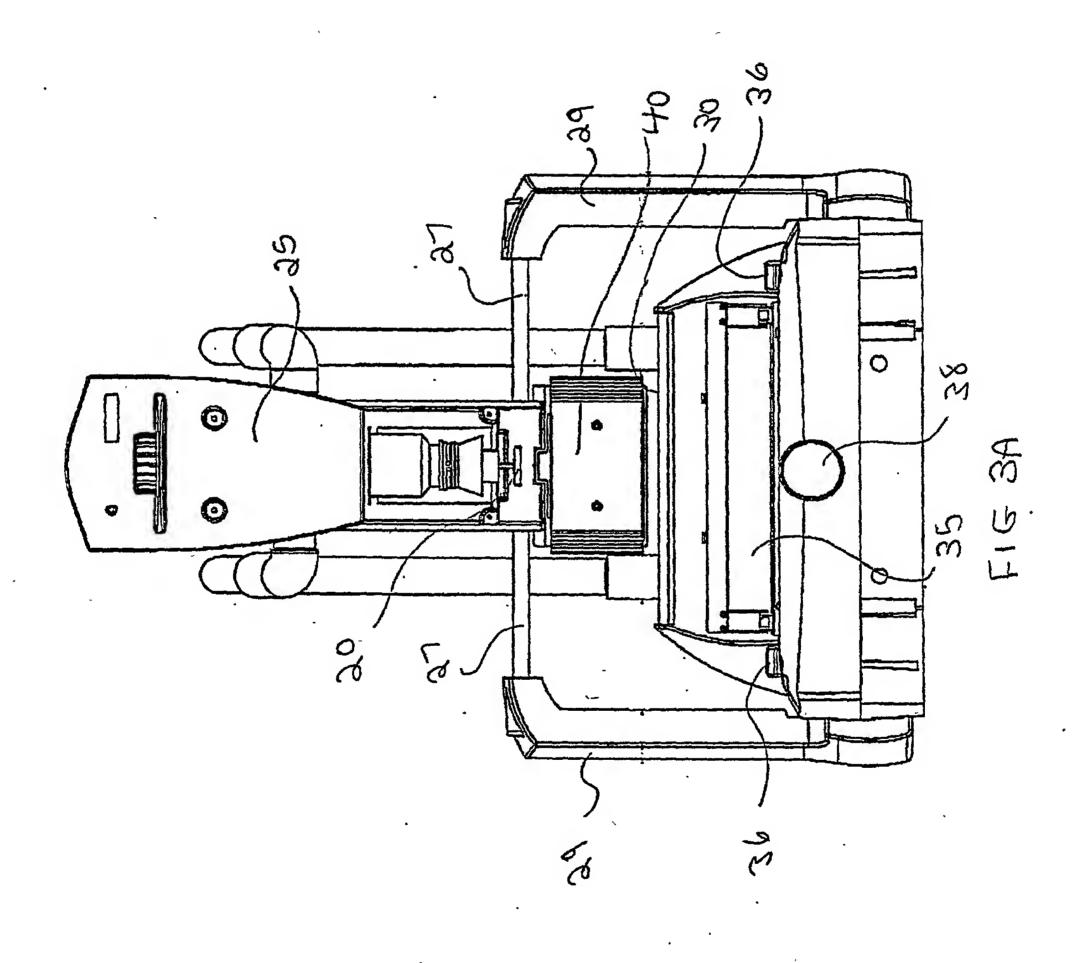
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TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING **ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS**

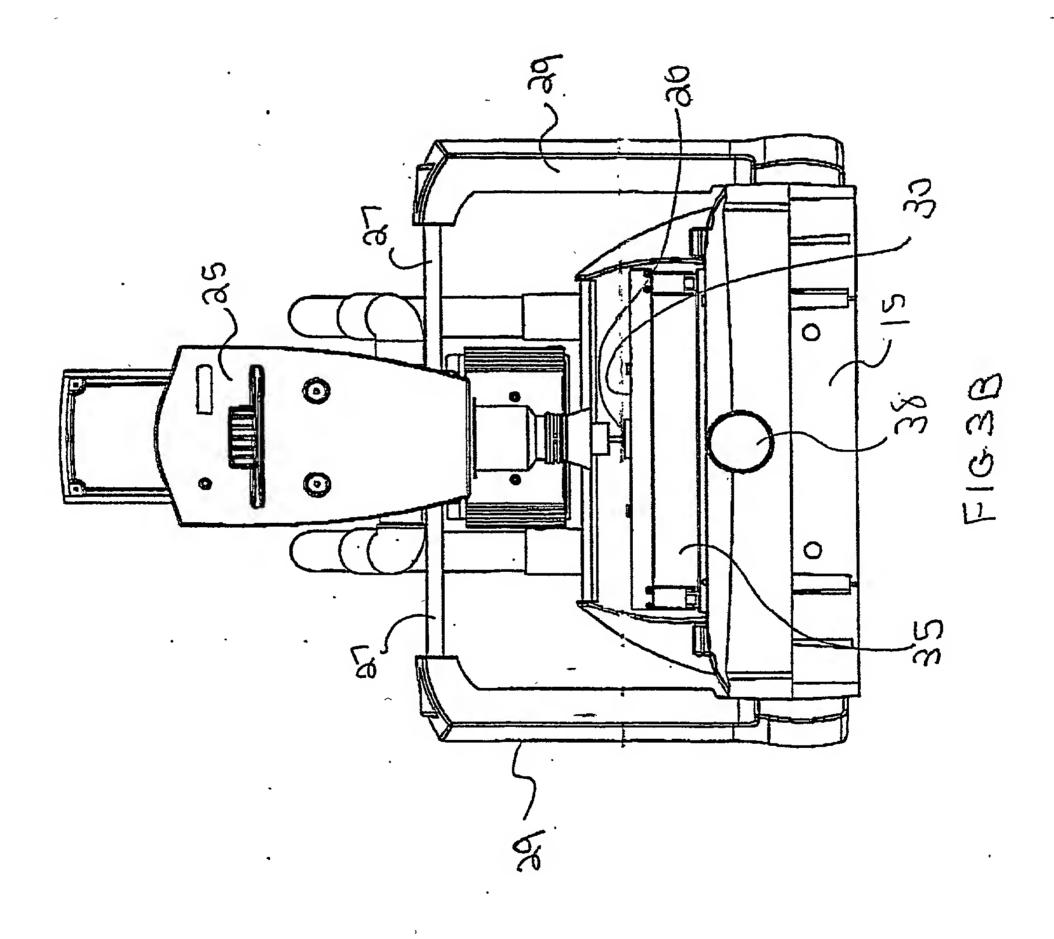
Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

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TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

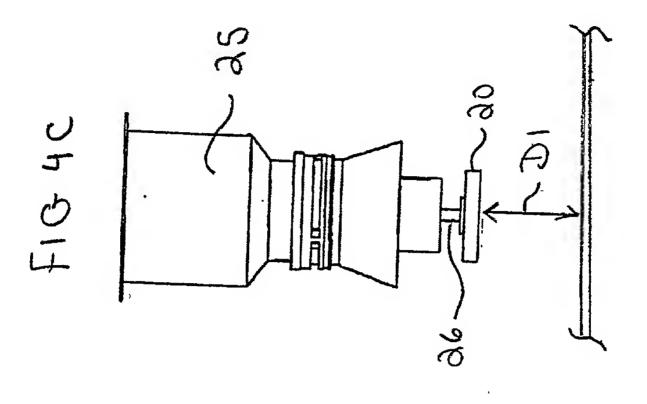
Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308 **SHEET 8 of 12**

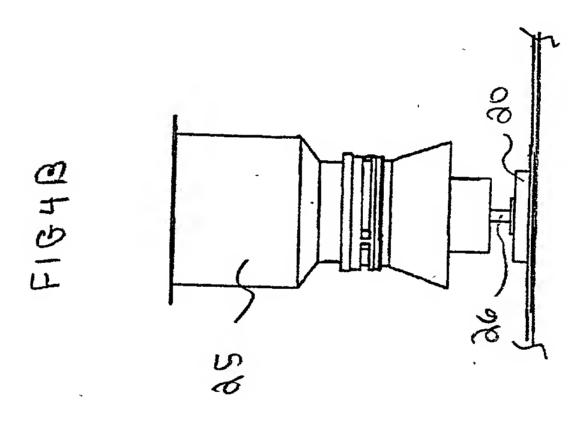


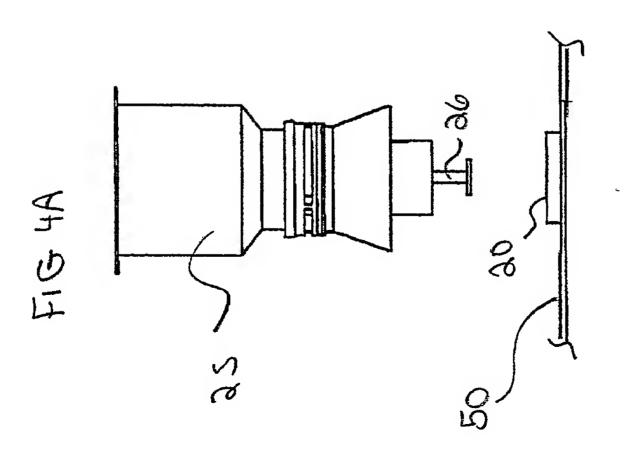
TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

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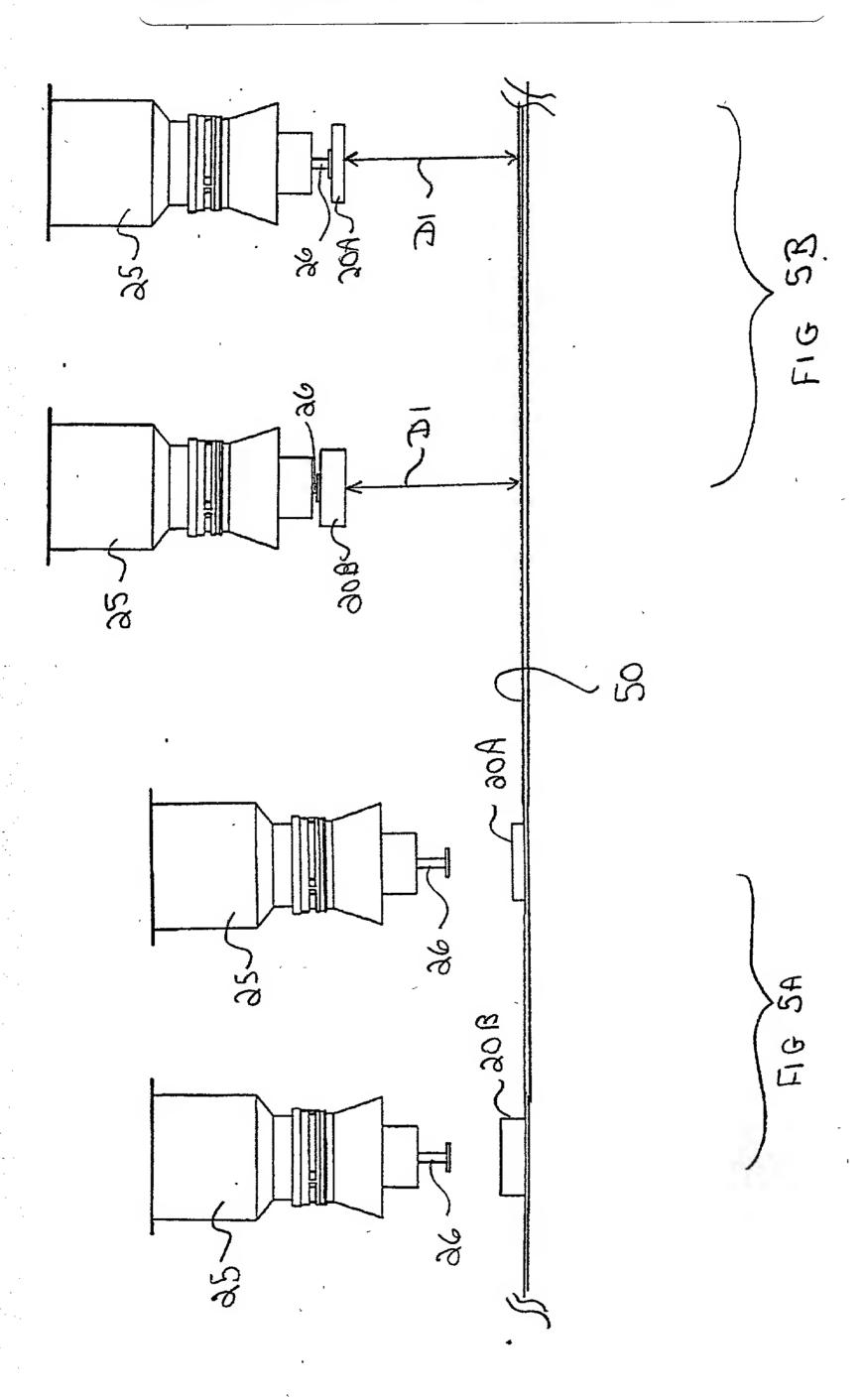




APPLN. FILING DATE: NOVEMBER 2, 2001
TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

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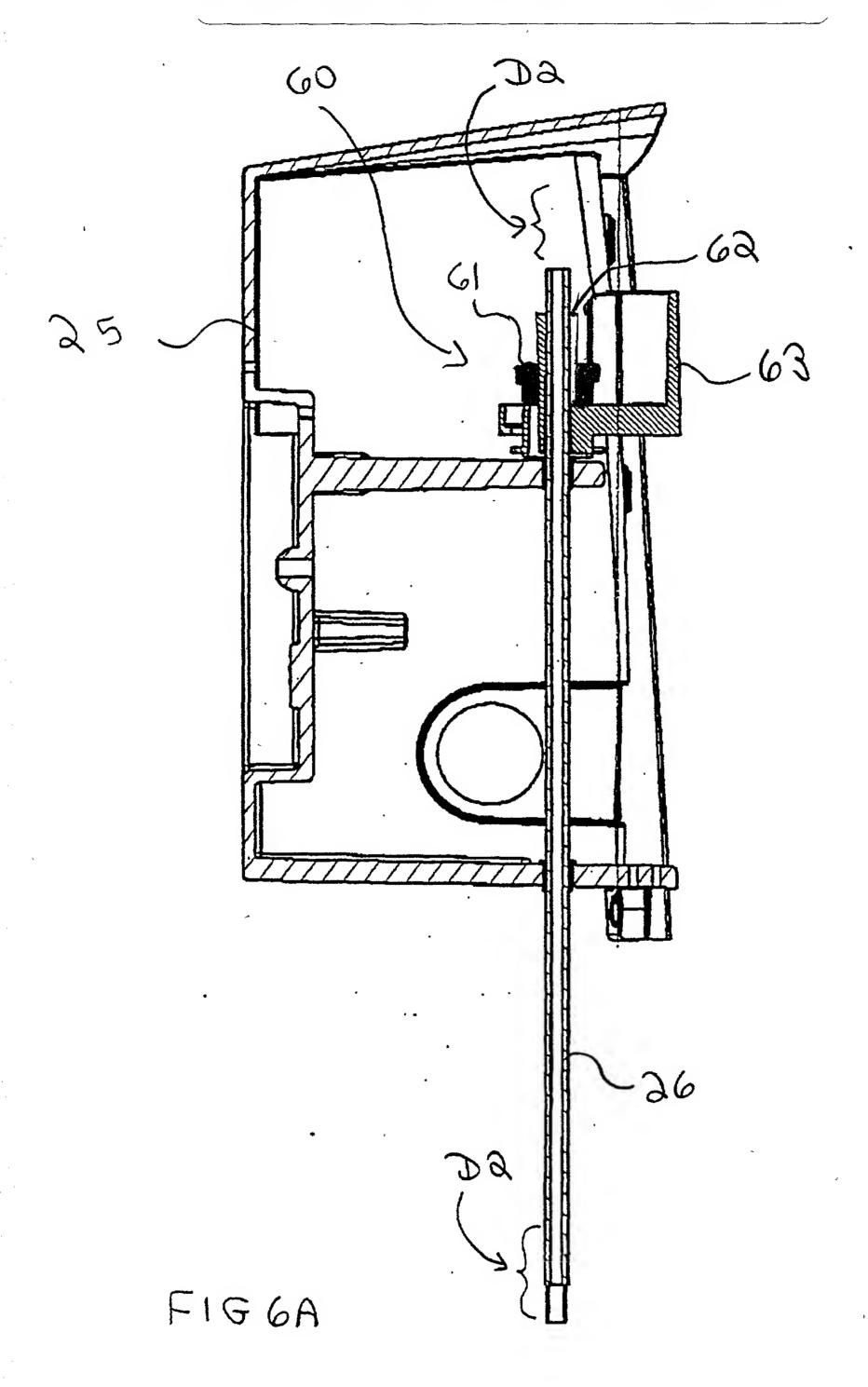
SHEET 10 of 12



TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308

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APPLN. FILING DATE: NOVEMBER 2, 2001
TITLE: RETRACTABLE VACUUM TUBE FOR POSITIONING ELECTRONIC COMPONENTS ON PRINTED CIRCUIT BOARDS

Inventor(s): Mike Carlomagno, et al. Attorney Docket No: 018190-308 **SHEET 12 of 12**

